

VAMC OKLAHOMA CITY, OK
PO# 635-B36032

Line #	Description	Qty
1	IE33 V 2012 3D xMATRIX Intelligent Design Ergonomics: Unique human-centered design for comfort and convenience Fully articulating flicker-free 20-inch high resolution flat panel display with nearly infinite positioning adjustment Fully articulating control panel, including height, swivel, and slide Easy access transducer connectors and integrated cable storage Digitally enhanced 8 speaker high-fidelity stereo audio Integrated footrest Integrated storage shelves 4 wheel swivel and swivel/brake lock control Architecture xSTREAM system architecture with capability of processing multiple data streams simultaneously built for 2D, Panoramic, MPR, Live xPlane and Live 3D Next generation digital broadband acoustic beamforming, built for latest pulse shaping and coding techniques Dynamically scalable digital channels up to 144,000, designed to accommodate next generation of high frequency imaging and xMATRIX array configurations High-bit, low noise, digital circuitry with exclusive adaptive S/N achieves system dynamic range up to 180dB New Adaptive Broadband flow imaging automatically adjusts bandwidth for optimal flow sensitivity and resolution Advanced XRES Adaptive Image Processing for noise and artifact reduction to improve tissue conspicuity Fully independent, multiple mode Triplex operation Transducers Supports new Explora family of transducers that feature: Ergonomic designs with lightweight flexible cables and longer cables for some transducers New low-loss technology for better penetration with fewer artifacts Breakthrough frequency bandwidths and array configurations Intelligent Control Interface High resolution interactive graphical color touch panel with adjustment for various ambient light conditions Easy access primary controls with Tri-state back lighting and multi-function controls Control panel operation of on-board peripheral devices Pull out alphanumeric keyboard for manual data entry User interface configurable for languages	1

Automation

iSCAN intelligent one-button optimization for adaptive gain compensation
iFOCUS intelligent focusing capability for one-button optimization of focal range position
iOPTIMIZE intelligent optimization for one-button push that automatically adapts system performance for:
different patient size
different flow states
High-Q Automatic Doppler Analysis
Intelligent Tissue Specific
Applications Programs
Application-specific and User
Definable Quicktext Automatic
Annotation
QuickSAVE User Defined Programs (up to 45 per transducer)

Data

On-board workstation-class data management with thumbnail previews and storage of images, loops, and reports|
NetLink/DICOM 3.0 provides network print and store, commit, modality worklist, DICOM Query and Retrieve, and structured reporting
for echo, pediatrics and vascular
Retrospective and prospective clip capture to internal drive or removable media
Integrated DVD/CD burning capability for storage of DICOM images (includes DICOM viewer) or export in
JPEG and .avi for PC compatibility
DICOM 3.0 Print and Media Store capability to internal drive or DVD/CD, network devices.
USB port for import/export of DICOM images (includes DICOM viewer) and export of PC files.

Other Core Features

Color Power Angio
Tissue Doppler Imaging
Cardiac Protocol - Stress Echo, with Defer Selection and Live Compare functions
Tissue Harmonics and Pulse Inversion Harmonic Imaging
2D, M-Mode, Pulsed, High PRF,
Color Flow Doppler
Duplex CW Doppler
ECG capability
Cineloop Image, M-Mode and Doppler Review
High Definition Write Zoom and Read Zoom with pan features
Chroma Imaging
Measurement tools including: distance, depth, area, and circumference
Volume Flow Measurements
User Defined Calculations
Application-specific Body Mark selections
Alt Print Control to independently control 3 OEMs
Advanced XRES adaptive real-time image processing
SonoCT Real Time Compound Imaging
Temporary ID

Live 3D

Provides true volume rendered, real-time 3D and Live xPlane imaging using supported xMatrix array transducers. Includes multiple vision settings to enhance image resolution and depth perception. Provides option to trade off volume size and frame rate. Education included with Live 3D software expires 1 year from equipment delivery.

SmartExam

SmartExam system-guided protocols with new features that include exam record and automatic mode switching to greatly improve workflow efficiencies

Compact Compatibility

Compact Compatibility SW allows the iE33 system to recognize the Compact Adaptor and allows operation of the CX X7-2t transducer.

Auto Doppler

Auto Doppler provides: auto placement of color flow box and steering angles in relation to vascular structures; auto sample volume placement in the area of greatest flow velocity and Auto angle correction. Auto Doppler works on all linear transducers.

2 **Performance Clinical Bundle** 1

Includes Pediatric, Adult and Vascular clinical options

Pediatric Echo clinical option

- Tissue Specific imaging software for specific transducers in pediatric cardiac ultrasound applications
- Display optimization software with Tissue Specific presets for pediatric cardiac imaging and Doppler applications
- Unique Analysis software package includes a dedicated pediatric cardiac imaging protocol and report, as well as fetal echo analysis
- Allows operation of S8-3, S12-4, S5-1, C5-1, C5-2, D2cwc, D5 cwc, S7-3t MiniMulti TEE and X7-2 transducers

Adult Echo clinical option

- Tissue Specific imaging software for specific transducers in adult cardiac ultrasound applications
- Display optimization software with Tissue Specific presets for adult cardiac imaging and Doppler applications
- Analysis software package includes a cardiac imaging protocol and report
- Allows operation of S8-3, S12-4, S5-1, L11-3, X3-1, X7-2, X7-2t, S7-2omni, Omni III, S7-3t, MiniMulti, D2cwc, D5cwc and L15-7io transducers

Vascular clinical option

- Tissue Specific imaging software for specific transducers in vascular ultrasound applications
- Display optimization software with Tissue Specific presets for vascular imaging and Doppler applications, including TCD and trans-orbital
- Analysis software package includes a vascular imaging protocol and report.
- Provides vascular reporting and allows operation of L8-4, L11-3, L9-3, C5-1, C5-2, C8-5, S5-1 D2cwc, D5cwc, D2tcd and L15-7io transducers

3 **D2cwc Static Transducer** 1

Non-imaging 2 MHz PW/CW Doppler transducer for cardiac applications.

4 **X5-1 xMatrix Transducer** 1

Latest generation xMATRIX transducer with PureWave Crystal Technology. xMATRIX transducer with 5 to 1 MHz extended operating frequency range for adult echo applications in 2D, Live xPlane and Live 3D modes. Highly-functional, ergonomic design that operates in all common imaging modes, making it practical for everyday use.

5 **X7-2t xMATRIX TEE** 2
Transducer

High frequency xMATRIX sector array transesophageal transducer with PureWave Crystal technology. Fully functional transducer with 7 to 2 MHz extended operating frequency range that images in 2D, Live xPlane, Live 3D, 3D Zoom, Full Volume and 3D color modes. Includes M-Mode, PW doppler, CW doppler, harmonics, true electrocautery suppression, and adaptive autocool. Includes ECG interface cable, disinfection basin, and 1 disposable tip protector. Includes 1 year warranty.

6 **English Manual** 1
Operation Manual

7 **1 Day PAS Onsite** 4

1 Day PAS Onsite - Ultrasound system or upgrade onsite training provided by a PAS (Product Applications Specialist) for specific system applications or upgrades; not per modality. *Education is provided Monday - Friday during normal business hours.* Note: Philips Healthcare personnel are not responsible for actual patient contact or operation of equipment during education sessions except to demonstrate proper equipment operation. The training sessions should be attended by the appropriate healthcare professional as identified by the department director. *Repeat training for staff non-attendance will not be accepted.* Site must be patient-ready to meet training expectations. All onsite training day expires within 90 days from system or upgrade installation date. Exceptions are for 3D Stress onsite training (which expires 9 months from system or upgrade installation date) and Fusion & Needle Navigation onsite training (which expires 180 days from system or upgrade installation date).

THE NUMBER OF ONSITE TUITIONS YOU RECIEVE MAY VARY BASED ON PURCHASED OPTIONS. PLEASE CONSULT YOUR SALES REPRESENTIVE FOR FURTHER DETAILS

8 **Airfare to Cleveland for** 1
Biomed Training

Includes one (1) participant's airfare from North American customer location to the Cleveland Training Center (CTC) in Cleveland, Ohio. All other expenses will be the responsibility of the attendee. Details are provided during the scheduling process. Note: Cancellation/rescheduling policy strictly enforced. Expires one (1) year from the earlier of equipment delivery date or purchase date.

9 **Food Transpt Lodging for** 4
Cleveland Biomed Training

Includes one (1) day of modest lodging, ground transportation, and meal expenses in Cleveland, Ohio for one (1) attendee. All other expenses will be the responsibility of the attendee. Details are provided during the scheduling process. Note: Cancellation/rescheduling policy strictly enforced. Although this part is only for one day, it is sold in multiple quantities to account for entire length of course. Expires one (1) year from the earlier of equipment delivery date or purchase date.

10 **US2787 Bio IU22_IE33 CTC 4** 1
iU22 & iE33 Ultrasound Systems

Course Number: US2787

Class Length: 3.5 days (excludes Saturdays, Sundays, and Philips holidays)

Delivery Method: Instructor-led

Modality: Ultrasound. General

Location: Philips Healthcare Academy, Best or Cleveland

Accreditation: Certified

Audience: Biomedical engineers, Hospital engineers

DESCRIPTION:

This course provides an introduction to supporting the iU22 and iE33 Imaging Systems. Students receive fundamental applications training required to understand some clinical uses of these systems. They learn how to image phantoms in order to assess system performance and how to minimally operate the system to better understand the needs of the Sonographer.

This course focuses upon equipment operation, maintenance, DICOM configuration and minor repair. Board level theory and system diagnostics are studied to facilitate repair. Hands-on labs train the student to verify proper equipment operation and learn diagnostic troubleshooting techniques. Philips support philosophy is explained to facilitate working successfully with our support professionals.

For course enrolment and course dates:

Please contact your local Philips representative.

COURSE-WARE:

Student Manual

All course materials are on CSIP level 1.

PREREQUISITES:

- . Basic analog and digital electronics knowledge
- . Ultrasound and Transducer knowledge

COURSE AIMS:

Upon completion of this course it is expected that the student will be capable of partnering with our service professionals to meet the servicing needs of the customer.

He/she will be able to:

- . Recognize (and scan phantoms) with standard views.
- . Minimally operate the Ultrasound Systems.
- . Isolate and repair minor system failures.
- . Run full system diagnostics (Normal User)

KEY TOPICS:

- . System mechanics
- . User presets backup and restore
- . Dicom setup

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2 Day ENT TEE U w/Travel**2**

2 Day Entitlement TEE University with Travel - A variety of Live 3D TEE University course offerings are available to meet your educational needs. Live 3D TEE provides cardiologists, anesthesiologists, and cardiac surgeons novel and exiting realistic views to aid in patient care. The 2 Day ENT TEE University Tuition includes both the tuition and the corresponding travel package.

Entitlement University Tuitions expire within 365 days from system or upgrade installment date. Due to travel and scheduling requirements, a twenty-one (21) day notification of cancellation is required or training / education entitlements will be forfeited. Curriculum is subject to change without notice.

Travel & Accommodations for one (1) registered attendee. Includes one (1) participant's airfare from a North American customer location to a Philips North America Ultrasound Clinical Education training location with modest lodging, ground transportation and meal expenses for up to 2 days. Breakfast/dinner are provided by the hotel and lunch/breaks are catered by Philips Healthcare. All other expenses will be the responsibility of the attendee (ie. Baggage fees, meals while traveling, transportation to and from customer's home airport). Details are provided during the scheduling process.

TUITION IS ONLY VALID WHEN PURCHASING THE X7-2T TEE PROBE
opting out of this equipment will remove this education entitlement.

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3 Day ENT 3DU w/Travel**1**

3 Day Entitlement 3D University with Travel - A variety of C/V, Vascular, GI and WHC University course offerings are available to meet your clinical educational needs. These courses range from one to three days in length and offer a wide range of content matter. Please refer to the course catalog for a complete listing of all university courses that you can choose from. The 3 Day ENT 3D University Tuition includes both the tuition and the corresponding travel package.

Entitlement University Tuitions expire within 365 days from system or upgrade installment date. Due to travel and scheduling requirements, a twenty-one (21) day notification of cancellation is required or training / education entitlements will be forfeited. Curriculum is subject to change without notice.

Travel & Accommodations for one (1) registered attendee. Includes one (1) participant's airfare from a North American customer location to a Philips North America Ultrasound Clinical Education training location with modest lodging, ground transportation and meal expenses for up to 3 days. Breakfast/dinner are provided by the hotel and lunch/breaks are catered by Philips Healthcare. All other expenses will be the responsibility of the attendee (ie. Baggage fees, meals while traveling,

transportation to and from customer's home airport). Details are provided during the scheduling process.

TUITION IS ONLY VALID WHEN PURCHASING THE LIVE 3D(IE33), 3D/4D (IU22), AND OR ELASTOGRAPHY CONFIGURATIONS.
opting out of any of these options will alter your education entitlements.

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1 Day ENT ACT w/Travel

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1 Day Entitlement ACT with Travel - The 1 Day Advanced Customer Training (ACT) course with travel consists of advanced intensive training on the selected ultrasound system and includes the corresponding travel package.

Entitlement Advanced Customer Training (ACT) Tuitions expire within 180 days from system or upgrade installment date. Due to travel and scheduling requirements, a twenty-one (21) day notification of cancellation is required or training / education entitlements will be forfeited. Curriculum is subject to change without notice.

Travel & Accommodations for one (1) registered attendee. Includes one (1) participant's airfare from a North American customer location to a Philips North America Ultrasound Clinical Education training location with modest lodging, ground transportation and meal expenses for 1 day. Breakfast/dinner are provided by the hotel and lunch/breaks are catered by Philips Healthcare. All other expenses will be the responsibility of the attendee (ie. Baggage fees, meals while traveling, transportation to and from customer's home airport). Details are provided during the scheduling process.

TUITION IS ONLY VALID WHEN PURCHASING A CONFIGURATION WITH 2D QLAB
(applies to IE33 only)

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1 Yr Online Subscription Svc

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One year E-ECHO subscription service for 1 participant. Includes learning modules, clinical cases, image banks, diagnosis at a glance, journal reviews ultrasound challenges and more. The Philips Clinical Education Operations group will contact the customer to provide them with a subscription code and instructions to register online. ** The subscription code must be activated within 90 days from code notification date. Codes are valid for 365 days from registration activation.

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1st SVC Manual for Gov

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